

Claim

What is claimed is:

1. A pharmaceutical composition comprising:
 - 1) a cyclosporin as active ingredient;
 - 2) a solvent or a co-surfactant such as ethanol, propylene glycol and the mixture of them
 - 3) a hydrophilic surfactant having a hydrophilic-lipophilic balance (HLB) value of 10 to 19 as solubilizer;
 - 4) lipophilic component which is one or a mixture of two or more selected from the group consisting of pharmaceutical organic acids such as medium/long chain saturated or unsaturated fatty acid and substitutive carboxylic acid, and fish oil as;
 - 5) where appropriated, water for making the hydrophilic substrate is present or absent.

said composition is formulated into soft capsule, ointment, eye-drop, oral solution, injection, etc.

2. The composition according to claim 1 wherein said solvent or co-surfactant is ethanol, propylene glycol or a mixture of them.
3. The composition according to claim 1 wherein the ratio of said ethanol to propylene glycol is from 1:0.1 to 1:10 (w/w).
4. The composition according to claim 1 wherein the ratio of said ethanol to propylene glycol is from 1:0.5 to 1:5 (w/w).
5. The composition according to claim 1 wherein said the surfactant having the HLB value of 10 to 19 is the derivatives of polyoxyethylene castor oil, Tween, and Myrj.
6. The composition according to claim 1 wherein as the lipophilic component said medium/long chain saturated fatty acid is C₈₋₂₈ carboxylic acid.
7. The composition according to claim 1 wherein as the lipophilic component

said medium/long chain unsaturated fatty acid is C₁₀₋₂₄ mono-, di-, or tri-olefine acid.

8. The composition according to claim 1 wherein as the lipophilic component said medium/long chain unsaturated fatty acid is C₁₄₋₂₂ mono-, di-, or tri-olefine acid.
9. The composition according to claim 1 wherein said substituted carboxylic acid is lactic acid.
10. The composition according to claim 1 wherein as the lipophilic component said fish oil comprises 70% DHA (w/w).
11. The composition according to claim 1 wherein said oil component is one or a mixture of two or more selected from the group consisting of pharmaceutical organic acids, such as medium/long chain saturated or unsaturated fatty acid and substituted carboxylic acid.
12. The composition according to claim 1 wherein said ratio of cyclosporin to the purified water is 1:0-1000. (w/w).
13. The composition according to claim 1 wherein said composition is formulated into soft capsule, ointment, eye-drop, oral solution, injection and so on.